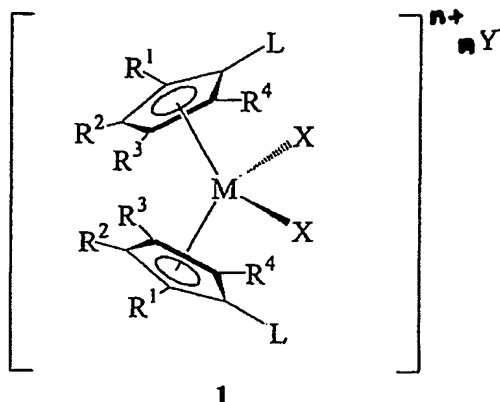


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DT15 Rec'd PCT/PTO 04 JAN 2005

CLAIMS

1. A metallocene compound of formula 1 for use as a medicament in the treatment of cancer.



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wherein R^1 , R^2 , R^3 and R^4 represent a combination of H, alkyl, aryl or trimethylsilyl;

L represents side chain substituents, at least one of which contains a group which enables the compound to become water-solubilised;

10 X is halo, alkoxy, acetate or H_2O ;

Y is a counter-ion;

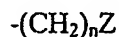
M is a metal; and

$n = 1$ or 2 ,

15 wherein $n = 1$ when one of the side chain substituents L contains a group which enables the compound to become water-solubilised, and $n = 2$ when both of the side chain substituents L contain groups which enables the compound to become water-solubilised.

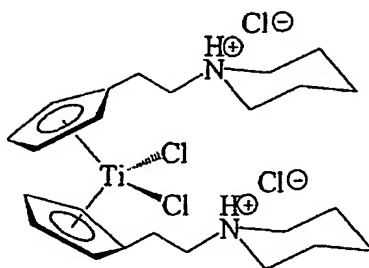
2. A metallocene compound as claimed in claim 1 wherein the metal M is titanium, vanadium, niobium or molybdenum.
3. A metallocene compound as claimed in claim 1 or 2 wherein the counter-ion Y is a halide, acetate, tetrafluoroborate or hexafluorophosphate ion.

4. A metallocene compound as claimed in claim 1, 2 or 3 which is in the form of the dichloride salt.
5. A metallocene compound as claimed in any one of claims 1 to 4 which is in the form of a solvate or a pro-drug.
6. A metallocene compound as claimed in any preceding claim wherein both groups L are functionalised to enable the compound to become water-solubilised.
7. A metallocene compound as claimed in any preceding claim wherein only one group L is functionalised to enable the compound to become water-solubilised.
8. A metallocene compound as claimed in any preceding claim wherein L comprises a group which carries a pendant Lewis base.
9. A metallocene compound as claimed in claim 8 wherein the Lewis base is provided by an amino group.
10. A metallocene compound as claimed in claim 9 wherein the amino group is a secondary amino group.
11. A metallocene compound as claimed in claim 10 wherein the secondary amino group comprises a $-(CH_2)_2N(CH_2)_5$ group.
12. A metallocene compound as claimed in claim 9 wherein the group L has the formula



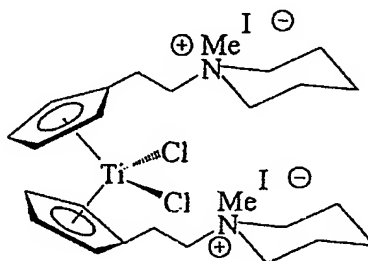
wherein n is an integer from 1 to 20 and Z comprises an amino group.

13. A metallocene compound as claimed in claim 1 which has the formula 2:



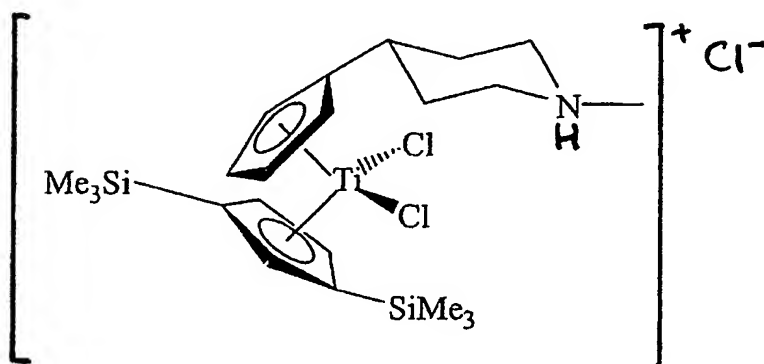
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14. A metallocene compound as claimed in claim 1 which has the formula 3:



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15. A metallocene compound as claimed in claim 1 which has the formula 4:

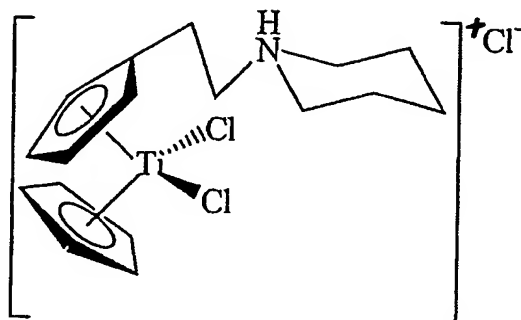


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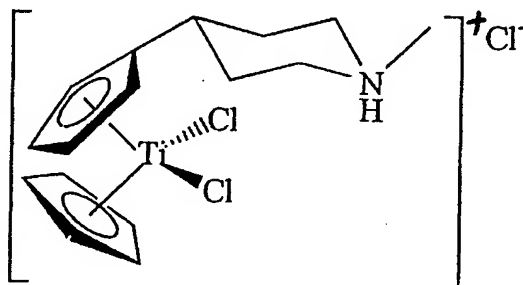
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16. A metallocene compound as claimed in claim 1 which has the formula 5:



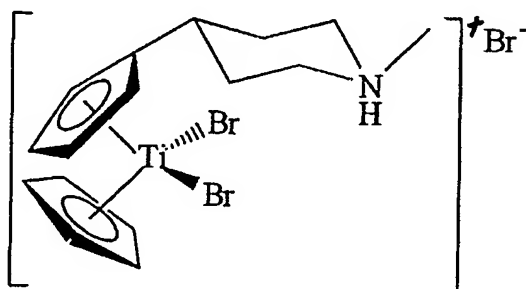
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- 5 17. A metallocene compound as claimed in claim 1 which has the formula 6:



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18. A metallocene compound as claimed in claim 1 which has the formula 7:



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19. A metallocene compound as claimed in any one of claims 1 to 18 wherein both groups L comprise a quaternary tetraalkylammonium group.
20. A metallocene compound as claimed in any one of claims 1 to 18 wherein only one group L comprises quaternary tetraalkylammonium group.
21. A metallocene compound as claimed in any one of claims 1 to 20 for administration to a patient orally, parenterally, topically, nasally or via slow releasing microcarriers.
22. A metallocene compound as claimed in any one of claims 1 to 21 wherein excipients comprise saline, sterile water, creams, ointments, solutions, gels, pastes, emulsions, lotions, oils, solid carriers or aerosols.
23. A metallocene compound as claimed in any one of claims 1 to 22 for administration alone or in combination with at least one other compound.
24. A metallocene compound as claimed in claim 23 wherein said at least one other compound has biological activity.